


- NOTES:
1. UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE," THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTED HEREIN. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.
 2. THESE PLANS ARE FOR PERMITTING PURPOSES ONLY. THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION.
 3. WETLAND AND WATERBODY DELINEATION SURVEYS COMPLETED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
 4. PHOTO LOCATIONS PROVIDED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
 5. UPLAND ZONES AND WETLAND TRANSITION AREAS PROVIDED BY PAULUS, SOKOLOWSKI AND SARTOR (PS&S)
 6. CIVIL SURVEY CONDUCTED AND DRAWINGS PREPARED BY MOTT MACDONALD.
 7. RESTORATION METHODS AND HATCHING SHOWN ON PLANS PROVIDED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.

[illegible]

APPROVALS	
DRAWN BY	DATE
RJP	7/2019
CHECKED BY	DATE
KEK	7/2019
ENG. APPROVAL	DATE
MJD	7/2019
P.M. APPROVAL	DATE
MW	7/2019

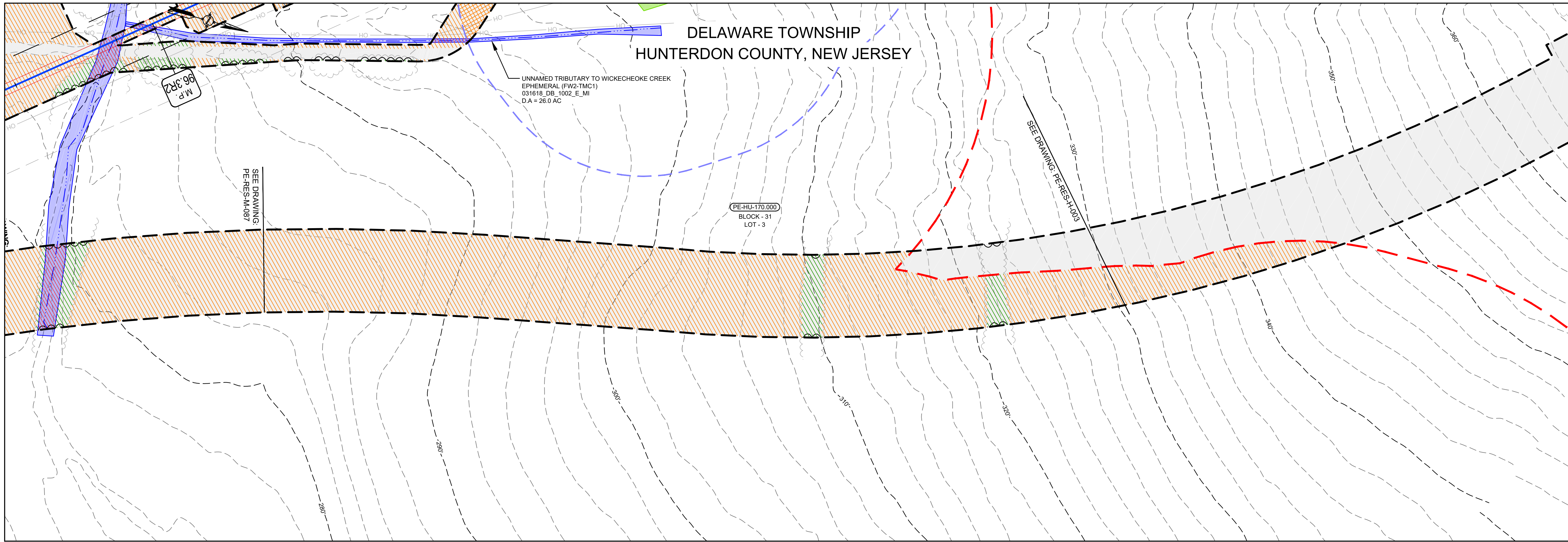
	CLIENT APPROVAL
	DATE
	7/2019

PREPARED FOR	
PREPARED BY	<div style="text-align: center;"> M M MOTT MACDONALD </div>
	111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830 CERTIFICATE NO. 24GA28016600

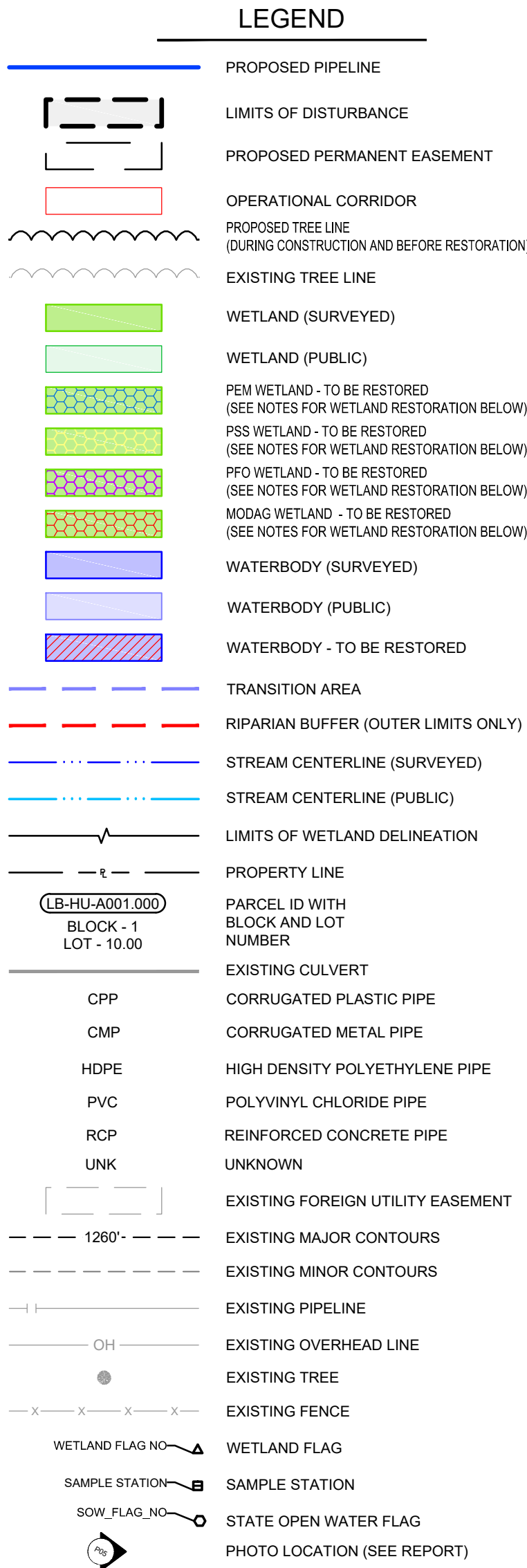
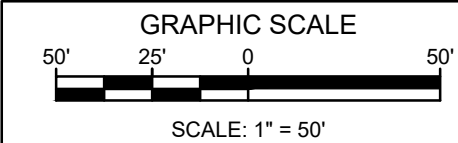
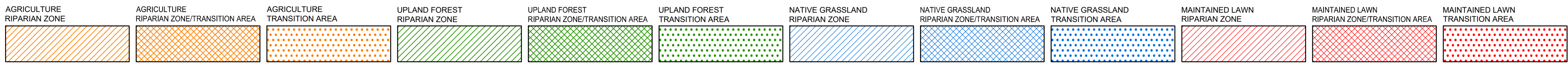
PENNEAST PIPELINE PROJECT

PENNEAST PIPELINE RESTORATION PERMIT PLAN MP 91.3R2

SCALE	DRAWING NO.	REVISION
1" = 50'	PE-RES-H-001	0



RIPIARIAN ZONE/TRANSITION
AREA RESTORATION
CATEGORIES



NOTES FOR WETLAND RESTORATION:

PEM WETLANDS IMPACTED WILL BE RESTORED AS PEM WETLANDS*

PSS WETLANDS WITHIN THE LIMITS OF DISTURBANCE AND OUTSIDE THE OPERATIONAL CORRIDOR WILL BE RESTORED AS PSS WETLANDS. PSS WETLANDS WITHIN THE OPERATIONAL CORRIDOR WILL BE RESTORED AS PEM WETLANDS.

PFO WETLANDS WITHIN THE LIMITS OF DISTURBANCE AND OUTSIDE THE OPERATIONAL CORRIDOR WILL BE RESTORED AS PFO WETLANDS. PFO WETLANDS WITHIN THE OPERATIONAL CORRIDOR WILL BE RESTORED AS PEM WETLANDS.

MODAG WETLANDS IMPACTED WILL BE RESTORED AS MODAG WETLANDS.

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

THOMAS D. STRONG
PROFESSIONAL LAND SURVEYOR
N.J. LIC. NO. 24GS03676100

Thomas D. Strong 08/01/2019
SIGNATURE DATE

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS.

MICHAEL J. DENICHILO
PROFESSIONAL ENGINEER
N.J. LIC. NO. 24GE05078700

Michael J. Denichilo 08/01/2019
SIGNATURE DATE

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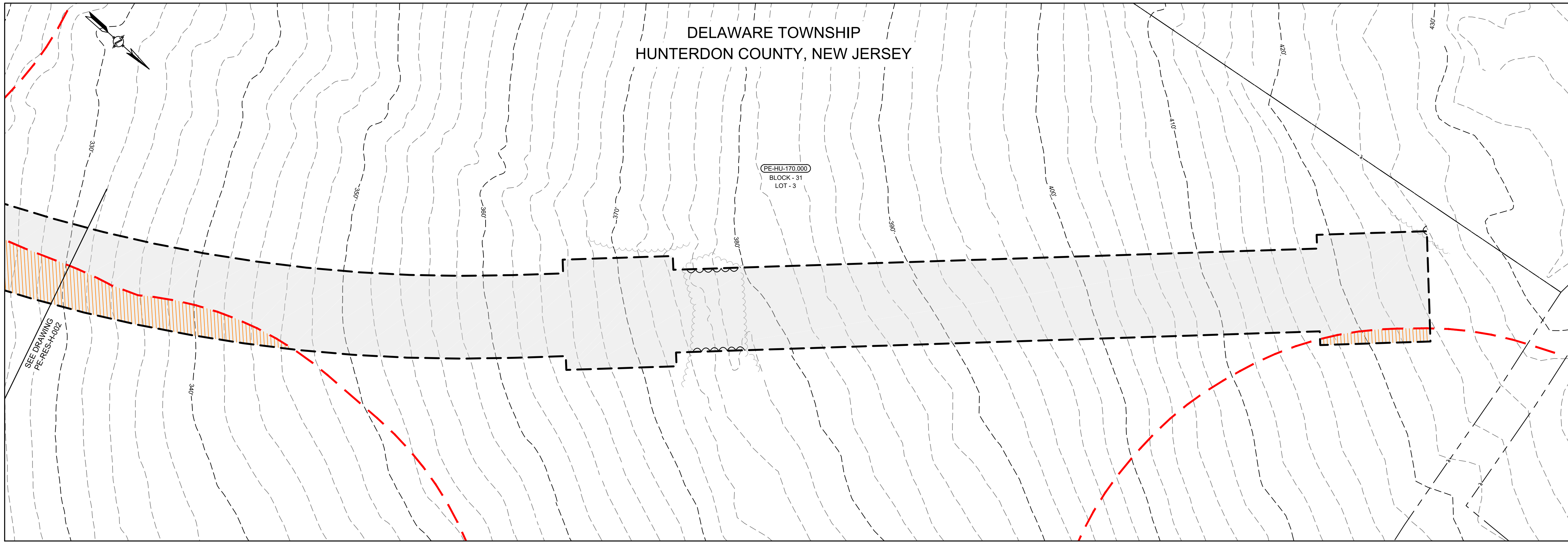
REFERENCE DRAWINGS		REVISIONS						
DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	
		0	ISSUED FOR NJDEP PERMIT	7/2019	RJP	KEK	MJD	

APPROVALS				APPROVALS			
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RJP	7/2019	RJP	7/2019	RJP	7/2019	RJP	7/2019
CHECKED BY	DATE	KEK	7/2019	KEK	7/2019	KEK	7/2019
ENG. APPROVAL	DATE	MJD	7/2019	MJD	7/2019	MJD	7/2019
P.M. APPROVAL	DATE	MW	7/2019	MW	7/2019	MW	7/2019

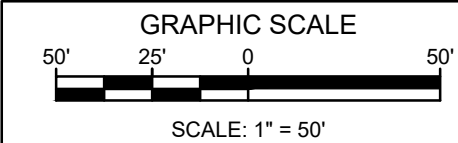
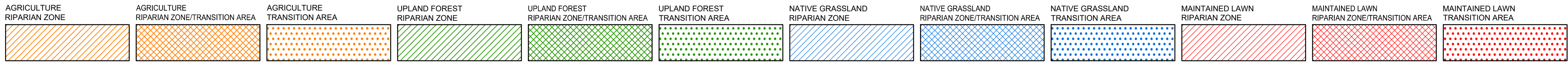
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ENG. APPROVAL	DATE	MJD	7/2019
P.M. APPROVAL	DATE	MW	7/2019

PREPARED FOR		PREPARED BY	
PennEast PIPELINE		MOTT MACDONALD	
		111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830	
		CERTIFICATE NO. 24GA28016600	

PENNEAST PIPELINE PROJECT		
PENNEAST PIPELINE RESTORATION PERMIT PLAN MP 96.4R2		
SCALE	DRAWING NO.	REVISION
1" = 50'	PE-RES-H-002	0



RIPIARIAN ZONE/TRANSITION AREA RESTORATION CATEGORIES



LEGEND

- PROPOSED PIPELINE
- LIMITS OF DISTURBANCE
- PROPOSED PERMANENT EASEMENT
- OPERATIONAL CORRIDOR
- PROPOSED TREE LINE (DURING CONSTRUCTION AND BEFORE RESTORATION)
- EXISTING TREE LINE
- WETLAND (SURVEYED)
- WETLAND (PUBLIC)
- PEM WETLAND - TO BE RESTORED (SEE NOTES FOR WETLAND RESTORATION BELOW)
- PSS WETLAND - TO BE RESTORED (SEE NOTES FOR WETLAND RESTORATION BELOW)
- PFO WETLAND - TO BE RESTORED (SEE NOTES FOR WETLAND RESTORATION BELOW)
- MODAG WETLAND - TO BE RESTORED (SEE NOTES FOR WETLAND RESTORATION BELOW)
- WATERBODY (SURVEYED)
- WATERBODY (PUBLIC)
- WATERBODY - TO BE RESTORED
- TRANSITION AREA
- RIPIARIAN BUFFER (OUTER LIMITS ONLY)
- STREAM CENTERLINE (SURVEYED)
- STREAM CENTERLINE (PUBLIC)
- LIMITS OF WETLAND DELINEATION
- PROPERTY LINE
- EXISTING CULVERT
- EXISTING FOREIGN UTILITY EASEMENT
- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- EXISTING PIPELINE
- EXISTING OVERHEAD LINE
- EXISTING TREE
- EXISTING FENCE
- WETLAND FLAG NO.
- SAMPLE STATION
- SOW_FLAG_NO.
- STATE OPEN WATER FLAG
- PHOTO LOCATION (SEE REPORT)

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N.J. LIC. NO. 24G503676100

Thomas D. Strong 08/01/2019
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PROFESSIONAL ENGINEER
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									MW	7/2019

PREPARED FOR

PennEast
PIPELINE

PREPARED BY

M M
MOTT
MACDONALD
111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830
CERTIFICATE NO. 24GA28016600

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